C. Wilder

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/601,267

DATE: 06/11/2001
TIME: 12:26:35

Input Set : A:\9013.18 sequence listing.txt
Output Set: N:\CRF3\06112001\I601267.raw

<110> APPLICANT: William Nicol KEITH

<120> TITLE OF INVENTION: Promoter Regions of the Mouse and Human Telomerase RNA Component Genes

<130> FILE REFERENCE: 9013.18

<140> CURRENT APPLICATION NUMBER: US 09/601,267

<141> CURRENT FILING DATE: 1999-01-29

<150> PRIOR APPLICATION NUMBER: PCT/GB99/00308

<151> PRIOR FILING DATE: 1999-01-29

<150> PRIOR APPLICATION NUMBER: GB 9801902.9

<151> PRIOR FILING DATE: 1998-01-29

<160> NUMBER OF SEQ ID NOS: 86

<170> SOFTWARE: PatentIn Ver. 2.1

<210> SEQ ID NO: 1

<211> LENGTH: 1765

<212> TYPE: DNA

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1

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cagcactact ttaaagcaaa gtcaatgatt gaaacgcctt tctttcctaa taaaagggag 240
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agtaggatat aacccccaca agctt 1765

<210> SEQ ID NO: 2

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61 <211> LENGTH: 4044
62 <212> TYPE: DNA
63 <213> ORGANISM: Mus sp.
65 <400> SEQUENCE: 2
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67 tttaacaatg taccagctat ctgacttaag caaactgtgt tcctcataga taaggcggga 120
68 ctgctcatgg tcattgtgaa gttcagttgg gataaacaaa ttttaaggtg cataacaaaa 180
69 aacacaaaat gttggtgttt gtttaaaaaa aactaaagaa tttctggagg caggcagtta 240
70 cagaaaacat gctgatattc tgagttgcct gctagttggt gccattccac cagagtgaac 300
71 acatctctgt tgaccctgat tttctgtagg tctgtctgtg tgtctgtcct ttctccagca 360
72 agggctgacc ctaatcgggg tcccaggacc caagccttga gaaaggcagt agtatgtcat 420
73 ctagttgaaa tgacacattc tctacagtgt ccaaatgaca tctttgtgct agacagaaca 480
74 ttttattgga tggactatgg ctgaccactt ggcttggggg ggggggggaag gggccgccaa 540
75 gggcgggggt ccctcatttg cttgttatta acacttgctt gtttgtttac ttgttagtag 600
76 gaatctgctc taccacgtgg gttctacatg gttccacagg ggtcacctgg tccgtttttg 660
77 ttttctggga cagttttcac aaatgttgtc tagactccac gttggctttg aagcctacag 720
78 ctatgagcct ctgtgccagt ttatgcagta gtatctctcg ggttgtcctt caccgttagt 780
79 agtggtgctc ttagaaggca ccgtgatttt ttgctttcca tctctttccc ctgccatgcc 840
80 ttctgtggtt ctctgccagg caccaaactg ttcagaaact ctccagcccg gtagagaacg 900
81 gtagggggaa agaactgacg tgtggaaggg atgggcaggg agaagaggca ccgaactcgg 960
82 tcttaaacaa aaaaaaaaaa aaaaggagca ttagaaaaaa aaacaaattt gtgaccttga 1020
83 actacagacc tcctgcctca gcctcctaca agctgggatt ataggctcgg gtcagctacc 1080
84 cttgaaatct ttttctttct ggaactcagt acctggttgg ccatgcactc acaagagatc 1140
85 cgcctgcctt ctgtctctca aattctggaa ttaaagattt gcgccacttt tccccacttc 1200
86 caccccggc tgtgggagtg gactgggttg aaggtggaat ttttttttt ttttttttt 1260
87 tttagtgaaa aaaggggga ttggaaatat ccctactttc aactctagta tatttcagaa 1320
88 accaagcctc agagatgtgc gtgcgtgcgt gtgtgtgtgt gtatgtgtgt gtgtctcaca 1380
89 gcaagaaaca gattttatta tttatttttt atttatttat tttttgcaag tgactggcta 1440
90 ggaagagtgg ggaagcggga ggacaaatgg ggaagaggga gcatttccgc aagtgctggg 1500
91 ctcgaccaat cagcgcgcgc catggggtat ttaaggtcga gggcggctag gcctcggcac 1560
92 ctaaccctga ttttcattag ctgtgggttc tggtcttttg ttctccgccc gctgtttttc 1620
93 tcgctgactt ccagcgggcc aggaaagtcc agacctgcag cgggccaccg cgcgttcccg 1680
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96 tgccgccgcg aagagctcgc ctctgtcagc cgcggggcgc cgggggctgg ggccaggccg 1860
97 ggcgagcgcc gcgaaggaca ggaatggaac tggtccccgt gttcggtgtc ttacctgagc 1920
98 tgtgggaagt gcacccggaa ctcggttctc acaaccccca ttcccgctgg ggaaatgccc 1980
99 cgctgcaggg cgggccgcta gaacctgcga cttctgggga aaggggcttc ggtgtgagac 2040
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102 atgcagccat gtggtccttg ggggtggggg tggggatggg aggactacag gcgtagatct 2220
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104 ggtattccca ttgtatggga gatttttttt ttcttttgta tatgggggcg ttgaacattt 2340
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106 gggatgcaaa acattacatt gaagctgaga agtttaaaga tgcgtgtctt cccctgccta 2460
107 ccttcgcgtt cacacagaac ctgttatctt ttcagaaaag aaaatgagat aggcagggtg 2520
108 gatctggagt ttcaaggccc ttgcctggtc tgcagagtga gttaggccac accagaaaag 2580
109 tatgtgtcaa aaacaaagaa gaaaggcttt gtgggggggtg gggtagcaaa cgatcttaat 2640
110 cccctgtgct tgggaggccc gcaaggggga tatctgtgaa ggagacaaac aaagctacac 2700

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111 tgtgtggtaa acaaaaaacg aggaggagga gcaagaagaa tatgagagcc cacggaagga 2760
112 agagtatcag tccccaggcc accagttcct caggggtaac tatgtttgtg agtgtctcgg 2820
113 tgccttgact tcctcagtac ttttctgggt tttagtcata aaaaacattg aagagatgaa 2880
114 gaagtgtatg tttagtaagt acataccaaa agtttgtgag ctatatgcat atagcaactc 2940
115 agtcacctga aacaggcccc ttgcagctaa catatttctt agtattacta ttataaagac 3000
116 taggggagtt tctaagccgg cactccttac aagggacgaa gccatgttca gctccagctt 3060
117 gccaagattc tgaaacccaa cgtcaagcct gacgagttcg agcctggcat ctctcagccg 3120
118 ctgctcgagc tggagatgac cacggatctc aaggcacagc tgtgggaact caacatcacc 3180
119 gaagccaagg aaaattgaag ttggtggtgg tcagaaggct gttataattt ttgtaccagt 3240
120 tcctcagctt aaatctttcc agaaaatcca agtctggcta gtttgtgaat tggagaaaaa 3300
121 gttcagcgga aagcacgtgt cttcattgct cagaagagga tctgtccaag ccaaccagga 3360
122 aaagctgtac gaaaaataag ccaaagcacc ctagaagctg caccctgaca gcagtgcatg 3420
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124 gagcaggttc atcttcctct ctggtacatc ccatgtctcc tcatctccat cctcccctct 3540
125 gcctctgtgt ctcatctcta aaactctcag cccatcttcc tttaccactg cccaatcaca 3600
126 ggctctagcc ttacctttca cctgccctca cctgcttata gacagcaatc tacatttctc 3660
127 ccttttttgtc caattaaaag actcttttct ctcggatata aaatgagcac aactattatt 3720
128 accattctgt aatttataaa gtatagatag acctaacacc cagtctatca ttttgacagt 3780
129 taaataaagc attctgcaat cctatcctaa ctttaaaagg cttataattc tacacttgtt 3840
130 atgtcctggt tcagcttgta tattagaaaa ccatctcaaa ttatatatat atatatatta 3900
131 cacacacaca tatgtatata tacatatata tgtatacaca cacacacata tatatatgta 3960
132 tatgtatgta tgtatgtata tatatatact tttaatgcta aatagcctgg gttggctaag 4020
133 actacttcaa tcctgccaga attc 4044
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136 <211> LENGTH: 24
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
143 <400> SEQUENCE: 3
144 tacgcccttc tcagttaggg ttag 24
146 <210> SEQ ID NO: 4
147 <211> LENGTH: 30
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
154 <400> SEQUENCE: 4
155 ggatcctacg cccttctcag ttagggttag 30
157 <210> SEQ ID NO: 5
158 <211> LENGTH: 20
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
165 <400> SEQUENCE: 5
166 actgagccga gacaagattc 20
168 <210> SEQ ID NO: 6
169 <211> LENGTH: 26

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170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
176 <400> SEQUENCE: 6
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179 <210> SEQ ID NO: 7
180 <211> LENGTH: 20
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
187 <400> SEQUENCE: 7
188 agctactcag gaggctgaga 20
190 <210> SEQ ID NO: 8
191 <211> LENGTH: 29
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
198 <400> SEQUENCE: 8
199 gcgctcgaga gctactcagg aggctgaga 29
201 <210> SEQ ID NO: 9
202 <211> LENGTH: 20
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
209 <400> SEQUENCE: 9
210 catcaagaca cagcactact 20
212 <210> SEQ ID NO: 10
213 <211> LENGTH: 29
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
220 <400> SEQUENCE: 10
221 gcgctcgagc atcaagacac agcactact 29
223 <210> SEQ ID NO: 11
224 <211> LENGTH: 20
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226 <213> ORGANISM: Artificial Sequence
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229 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
231 <400> SEQUENCE: 11
232 gtctggtctg cagaggatag 20
234 <210> SEQ ID NO: 12
235 <211> LENGTH: 29
236 <212> TYPE: DNA

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237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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246 <211> LENGTH: 24
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
253 <400> SEQUENCE: 13
254 tacgcccttc tcagttaggg ttag 24
256 <210> SEQ ID NO: 14
257 <211> LENGTH: 33
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
264 <400> SEQUENCE: 14
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267 <210> SEQ ID NO: 15
268 <211> LENGTH: 20
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
275 <400> SEQUENCE: 15
276 ctgagctgtg ggacgtgcac 20
278 <210> SEQ ID NO: 16
279 <211> LENGTH: 20
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
286 <400> SEQUENCE: 16
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289 <210> SEQ ID NO: 17
290 <211> LENGTH: 20
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
297 <400> SEQUENCE: 17
298 ctcggctcac acatgcagtt 20
300 <210> SEQ ID NO: 18
301 <211> LENGTH: 21
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARY DATE: 06/11/2001
PATENT APPLICATION: **US/09/601,267** TIME: 12:26:36

Input Set : **A:\9013.18 sequence listing.txt**
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